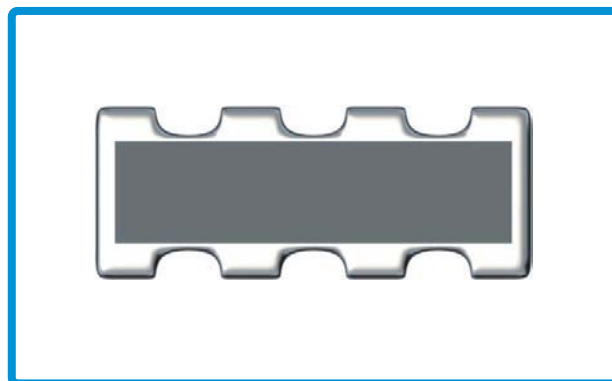


Feature

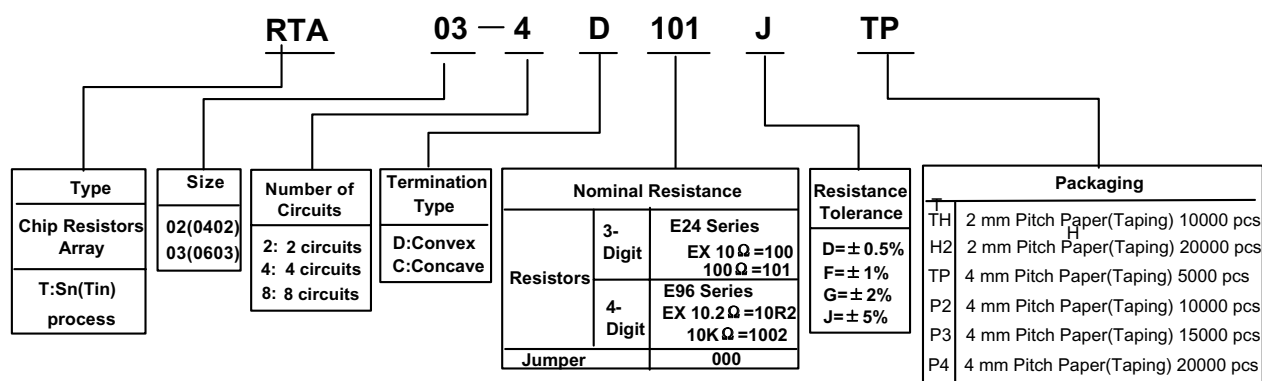
- 1.High reliability and stability
- 2.Efficiency, space and cost saving.

Applications

1. Computer applications, hard disk, add-on card
2. Mobil phone, Telecom...
3. Consumer electrical equipments, PDAs,...



Parts Numbering System



General Specifications:

Type	Rated Power at 70 ℃	Max. Working Voltage	Max. Overload Voltage	T.C.R. (ppm/℃)	Resistance Range			Number of Terminals	Number of Resistors	JUMPER (0 Ω) Rated Current	JUMPER (0 Ω) Resistance Value
					D(± 0.5%) E-96	F(± 1%) E-96	G(± 2%) J(± 5%)				
RTA02-2D (0402x2)	$\frac{1}{16}$ W	25V	50V	± 250	----	----	10 Ω~1MΩ	4	2	1A	50mΩ Max.
RTA03-2D (0603x2)	$\frac{1}{16}$ W	50V	100V	± 200	----	----	1 Ω~10MΩ	4	2	1A	50mΩ Max.
RTA02-4D (0402x4)	$\frac{1}{16}$ W	25V	50V	± 200	----	----	10 Ω~1MΩ	8	4	1A	50mΩ Max.
RTA02-4C (0402x4)	$\frac{1}{16}$ W	25V	50V	± 200	----	1 Ω~1MΩ	1 Ω~1MΩ	8	4	1A	50mΩ Max.
RTA03-4D (0603x4)	$\frac{1}{16}$ W	50V	100V	± 200	22 Ω~470KΩ	1 Ω~10MΩ	1 Ω~10MΩ	8	4	1A	50mΩ Max.
RTA03-4C (0603x4)	$\frac{1}{16}$ W	50V	100V	± 200	----	1 Ω~1MΩ	1 Ω~10MΩ	8	4	1A	50mΩ Max.
RTA02-8D (0402x8)	$\frac{1}{16}$ W	25V	50V	± 250	----	----	10 Ω~1MΩ	16	8	1A	50mΩ Max.
RTA03-8C (0603x8)	$\frac{1}{16}$ W	50V	100V	± 200	----	1 Ω~1MΩ	1 Ω~10MΩ	16	8	1A	50mΩ Max.
RTA03-2C (0603x2)	$\frac{1}{16}$ W	50V	100V	± 200	----	1 Ω~1MΩ	1 Ω~10MΩ	4	2	1A	50mΩ Max.
Operating Temperature Range					-55 ℃ ~ +155 ℃						

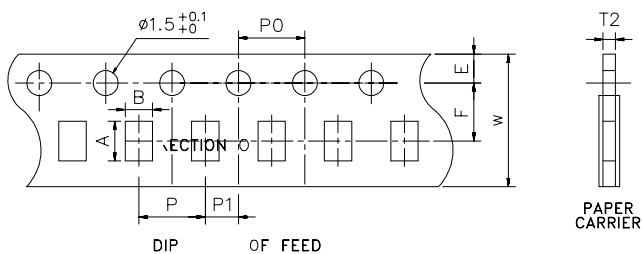
Dimensions:

RTA02-2D/RTA03-2D/RTA03-2C	Circuits $R1=R2$
RTA02-4C/RTA03-4C	Circuits $R1=R2=R3=R4$
RTA02-4D/RTA03-4D	Circuits $R1=R2=R3=R4$
RTA02-8D/RTA03-8C	Circuits $R1 = R2= R3 = R4 = R5 = R6 = R7 = R8$
	Circuits $R1 = R2= R3 = R4 = R5 = R6 = R7 = R8$

Dimensions:

Type	DIM	L	W	H	L1	L2	P	Q
RTA02-2D (0402)		1.00 ± 0.10	1.00 ± 0.10	0.30 ± 0.05	0.15 ± 0.10	0.25 ± 0.10	(0.67)	0.33 ± 0.10
RTA03-2D (0603)		1.60 ± 0.15	1.60 ± 0.15	0.45 ± 0.10	0.30 ± 0.15	0.30 ± 0.15	(0.80)	0.60 ± 0.10
RTA02-4D (0402)		2.00 ± 0.10	1.00 ± 0.10	0.40 ± 0.10	0.20 ± 0.10	0.25 ± 0.10	(0.50)	0.30 ± 0.10
RTA02-4C (0402)		2.00 ± 0.10	1.00 ± 0.10	0.40 ± 0.10	0.15 ± 0.10	0.25 ± 0.10	(0.50)	0.30 ± 0.10
RTA03-4D (0603)		3.20 ± 0.20	1.60 ± 0.15	0.50 ± 0.10	0.30 ± 0.15	0.30 ± 0.15	(0.80)	0.50 ± 0.10
RTA03-4C (0603)		3.20 ± 0.15	1.60 ± 0.15	0.55 ± 0.10	0.35 ± 0.15	0.45 ± 0.15	(0.80)	0.50 ± 0.10
RTA02-8D (0402)		4.00 ± 0.20	1.60 ± 0.10	0.45 ± 0.10	0.30 ± 0.15	0.30 ± 0.10	(0.50)	0.25 ± 0.10
RTA03-8C (0603)		6.40 ± 0.20	1.60 ± 0.20	0.55 ± 0.10	0.30 ± 0.15	0.40 ± 0.15	(0.80)	0.50 ± 0.10
RTA03-2C (0603)		1.60 ± 0.15	1.60 ± 0.15	0.55 ± 0.10	0.30 ± 0.15	0.40 ± 0.15	(0.80)	0.50 ± 0.10

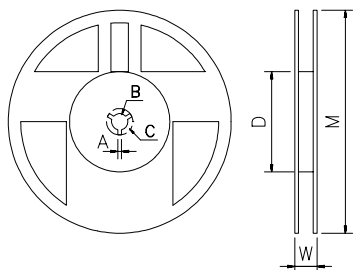
Taping:



Unit: mm

Packaging	Type	A	B	W	E	F	T2	P	P0	10×P0	P1
Paper Tape	RTA02-2D	1.20 ± 0.1	1.20 ± 0.1	8.0 ± 0.2	1.75 ± 0.1	3.5 ± 0.05	0.43 ± 0.1	2.0 ± 0.1	4.0 ± 0.05	40.0 ± 0.20	2.0 ± 0.05
	RTA03-2D	1.90 ± 0.1	1.90 ± 0.1	8.0 ± 0.2	1.75 ± 0.1	3.5 ± 0.05	0.60 ± 0.1	4.0 ± 0.1	4.0 ± 0.05	40.0 ± 0.20	2.0 ± 0.05
	RTA02-4D	2.20 ± 0.1	1.20 ± 0.1	8.0 ± 0.2	1.75 ± 0.1	3.5 ± 0.05	0.60 ± 0.1	2.0 ± 0.1	4.0 ± 0.10	40.0 ± 0.20	2.0 ± 0.05
	RTA02-4C	2.20 ± 0.1	1.20 ± 0.1	8.0 ± 0.2	1.75 ± 0.1	3.5 ± 0.05	0.60 ± 0.1	2.0 ± 0.1	4.0 ± 0.10	40.0 ± 0.20	2.0 ± 0.05
	RTA03-4D	3.45 ± 0.1	1.90 ± 0.1	8.0 ± 0.2	1.75 ± 0.1	3.5 ± 0.05	0.75 ± 0.1	4.0 ± 0.1	4.0 ± 0.05	40.0 ± 0.20	2.0 ± 0.05
	RTA03-4C	3.45 ± 0.1	1.90 ± 0.1	8.0 ± 0.2	1.75 ± 0.1	3.5 ± 0.05	0.75 ± 0.1	4.0 ± 0.1	4.0 ± 0.05	40.0 ± 0.20	2.0 ± 0.05
	RTA02-8D	4.30 ± 0.2	1.90 ± 0.2	12.0 ± 0.2	1.75 ± 0.1	5.5 ± 0.05	0.60 ± 0.1	4.0 ± 0.1	4.0 ± 0.05	40.0 ± 0.20	2.0 ± 0.05
	RTA03-8C	6.90 ± 0.2	2.00 ± 0.2	12.0 ± 0.2	1.75 ± 0.1	5.5 ± 0.05	0.75 ± 0.1	4.0 ± 0.1	4.0 ± 0.05	40.0 ± 0.20	2.0 ± 0.05
	RTA03-2C	1.90 ± 0.1	1.90 ± 0.1	8.0 ± 0.2	1.75 ± 0.1	3.5 ± 0.05	0.75 ± 0.1	4.0 ± 0.1	4.0 ± 0.05	40.0 ± 0.20	2.0 ± 0.05

Reel



Reel Type / Tape	W	M	A	B	C	D
7" reel for 8 mm tape	12.5 ± 1.5	178 ± 2.0	2.0 ± 0.5	13.5 ± 0.5	21.0 ± 0.5	60.0 ± 2.0
7" reel for 12 mm tape	16.5 ± 1.5	178 ± 2.0				80.0 ± 2.0
10" reel for 8 mm tape	14.0 ± 1.5	254 ± 2.0				100.0 ± 2.0
13" reel for 8 mm tape	14.0 ± 1.5	330 ± 2.0				100.0 ± 2.0

Recommend Land Pattern Design (For Reflow Soldering):

unit:mm

RTA02-2D RTA03-2D RTA03-2C	RTA02-4D RTA02-4C RTA03-4D RTA03-4C	RTA02-8D RTA03-8C

TYPE \ DIM	A	B	P	Q1	Q2
RTA02-2D	0.50	2.00	0.67	0.33	0.34
RTA03-2D	1.00	2.60	0.80	0.40	0.40
RTA02-4D RTA02-4C	0.50	2.00	0.50	0.28	0.22
RTA03-4D RTA03-4C RTA03-2C	1.00	2.60	0.80	0.40	0.40
RTA02-8D	1.00	2.60	0.50	0.25	0.25
RTA03-8C	1.00	2.60	0.80	0.40	0.40